

We claim:

1. A hose connecting structure for connecting a hose with corrugated metal tube to a mating pipe comprising:

5 a hose body having a corrugated metal tube as inner layer and an outer layer circumscribing radially outer side thereof, a leading end side of the corrugated metal tube extending axially so as to be exposed out of the outer layer,

a socket fitting fitted on an outer surface of an axial end portion of the hose body,

10 a connecting pipe to which an axial end portion of the hose body is fixedly secured by securely compressing or swaging the socket fitting radially inwardly, the connecting pipe having a tip-end inner surface as an inner abutment surface flaring axially outwardly,

15 a mating pipe having an outer abutment surface formed in a shape conforming to the inner abutment surface of the connecting pipe, and

20 a fastening member fastening axially the connecting pipe to the mating pipe so that the inner abutment surface of the connecting pipe abuts the outer abutment surface of the mating pipe, the inner abutment surface and the outer abutment surface clamping the end portion of the leading end side of the corrugated metal tube which extends along an inner surface of the connecting pipe, the end portion of the corrugated metal tube being formed in a flared portion flaring corresponding to the inner abutment surface of the connecting pipe .

25 2. A hose connecting structure for connecting a hose with corrugated metal tube as set forth in Claim 1, wherein the fastening member is a screw fastener.

30 3. A hose connecting structure for connecting a hose with corrugated metal tube as set forth in Claim 2, wherein the fastening member is mounted on either one of the connecting pipe or the mating pipe, and a threaded portion corresponding to the fastening member are formed on the other.

4. A hose connecting structure for connecting a hose with corrugated metal tube as set forth in Claim 1, further comprising: a rigid pressure

support pipe inserted for bearing securely compressing or swaging force by the socket fitting within an inner surface of the corrugated metal tube in an axial position corresponding to the socket fitting.

5 5. A hose connecting structure for connecting a hose with corrugated metal tube as set forth in Claims 1, further comprising:

a radially inwardly directed collar-like portion formed on the socket fitting, and

10 a fit-engagement groove provided on a radially outer surface of the connecting pipe at an axial position corresponding to the radially inwardly directed collar-like portion,

the connecting pipe and the socket fitting being firmly secured each other by the collar-like portion of the socket fitting fitted in the fit-engagement groove when the socket fitting is securely compressed or swaged on the hose body.